ABSTRACT OF THE DISCLOSURE

In a terminal, acoustic information input by an acoustic input unit is analyzed by an acoustic processor to acquire multi-dimensional feature quantity parameters.

5   In an initial setup process, a speech communication information generator on the terminal generates a processing condition (clustering result table) for compression-encoding on the basis of the multi-dimensional feature quantity parameters, and stores the condition in

10 speech communication information holding units of the terminal and a server. In a speech recognition process, the terminal encodes acoustic information using the processing condition, and sends encoded data to the server. The server decodes the encoded data using the processing

15 condition, and executes speech recognition. In this way, appropriate encoding can be achieved in accordance with a change in acoustic feature, and the recognition rate and compression ratio upon encoding can be prevented from lowering due to a change in environmental noise.